

# Diabetic Medicine

Journal of the British Diabetic Association

## Contents Volume 8 Numbers 1–10

	January 1991	Number 1
<b>DM Diary</b>	.....	2
<b>Editorial</b>	<b>Dead in Bed Syndrome: a New Manifestation of Nocturnal Hypoglycaemia?</b> I. W. Campbell .....	3
<b>Review</b>	<b>Recent Achievements in Experimental and Clinical Islet Transplantation</b> K. Federlin, R. G. Bretzel, B. J. Hering .....	5
<b>Original Articles</b>	<b>Effect of Insulin-induced Hypoglycaemia on Absorption of Unmodified Insulin after Subcutaneous or Intramuscular Injection</b> B. Grönlund, H. Frandsen, M. Lauritzen, S. Levin Nielsen, S. Madsbad .....	13
	<b>The Swedish Childhood Diabetes Study: a Seven-fold Decrease in Short-term Mortality?</b> G. Sartor, L. Nyström, G. Dahlquist .....	18
	<b>A Randomized Cross-over Study of the Effects of Proinsulin on Lipid Metabolism in Type 2 Diabetes</b> P. H. Winocour, T. H. Mallik, M. Ishola, R. D. Baker, D. Bhatnagar, P. N. Durrington, D. C. Anderson .....	22
	<b>The Prevalence of Diabetes in Elderly People</b> S. C. M. Croxson, A. C. Burden, M. Bodington, J. L. Botha .....	28
	<b>Changes in Carbohydrate Metabolism in Association with Glipizide Treatment of Type 2 Diabetes</b> C.-Y. Jeng, C. B. Hollenbeck, M. S. Wu, J. E. Foley, Y.-D. I. Chen, G. M. Reaven .....	32
	<b>Comparison of Basal and Prandial Insulin Therapy in Patients with Secondary Failure of Sulphonylurea Therapy</b> K. R. Paterson, M. Wilson, C. M. Kesson, M. Buchan, M. Roberts, S. B. M. Reith, E. Davidson .....	40
	<b>Increased Proximal Tubular Reabsorption of Sodium in Childhood Diabetes Mellitus</b> M. O'Hagan, J. Howey, S. A. Greene .....	44
	<b>Unexplained Deaths of Type 1 Diabetic Patients</b> R. B. Tattersall, G. V. Gill ...	49
<b>Clinical Audit</b>	<b>Diabetes in the United Kingdom: a Personal Series</b> J. D. N. Nabarro .....	59
	<b>Deterioration in Blood Glucose Control in Females with Diabetes Changed to a Basal-bolus Regimen Using a Pen-injector</b> K. J. Hardy, K. E. Jones, G. V. Gill .....	69
	<b>Does Knowledge of Islet Cell Antibody Status Help in Managing Diabetes Presenting in Middle and Old Age?</b> R. Gregory, R. B. Tattersall .....	72
<b>International Scene</b>	<b>Diabetes Mellitus in the Sultanate of Oman</b> M. G. Asfour, S. K. Samantray, A. Dua, H. King .....	76
<b>Meeting Report</b>	<b>The Eighth Anglo-Danish-Dutch Diabetes Group Meeting</b> R. W. Bilous, A. B. Johnson .....	81
	<b>The Diabetic Foot 1990</b> D. J. S. Fernando, H. Connor, A. J. M. Boulton .....	82
<b>Media Review</b>	.....	86
<b>Forthcoming Papers</b>	.....	87

1

C

	February/March 1991	Number 2
DM Diary	.....	92
Forthcoming Papers	.....	94
Editorial	<b>The Most Important Diabetic Clinic</b> P. D. Home .....	96
Review	<b>Insulin Antibodies and Insulin Autoantibodies</b> C. J. Greenbaum, J. P. Palmer .....	97
Original Articles	<b>Regression of Left Ventricular Hypertrophy with 1 Year of Antihypertensive Treatment in Type 1 Diabetic Patients with Early Nephropathy</b> M. J. Sampson, J. B. Chambers, D. C. Spriggs, P. L. Drury .....	106
	<b>Intensive Education Improves Knowledge, Compliance, and Foot Problems in Type 2 Diabetes</b> R. Barth, L. V. Campbell, S. Allen, J. J. Jupp, D. J. Chisholm .....	111
	<b>A System for Peri-operative Blood Glucose Control in Diabetes Mellitus</b> B. G. Watson, M. Williamson, D. A. Pay .....	118
	<b>Patients with Type 1 Diabetes Adapt Acutely to Sustained Mild Hypoglycaemia</b> D. Kerr, I. A. Macdonald, R. B. Tattersall .....	123
	<b>Influence of Sample Type on the Interpretation of the Oral Glucose Tolerance Test for Gestational Diabetes Mellitus</b> R. D. G. Neely, J. B. Kiwanuka, D. R. Hadden .....	129
	<b>Mortality in Diabetes Mellitus: Experience of a Geographically Defined Population</b> J. S. K. Wong, D. W. M. Pearson, L. E. Murchison, M. J. Williams, V. Narayan .....	135
	<b>Self-collection by Diabetic Patients of Capillary Blood for Free Insulin Monitoring: Reduction by Diamide of Haemolysis-induced Insulin Loss</b> J. Pasic, M. K. Bhatnagar, J. C. Pickup .....	140
	<b>The Relationship Between Stress and the Development of Diabetic Complications</b> C. E. Lloyd, N. Robinson, L. K. Stevens, J. H. Fuller .....	146
	<b>Improvement in the Regulation of Cellular Cholesterologenesis in Diabetes: the Effect of Reduction in Serum Cholesterol by Simvastatin</b> D. Owens, J. Stinson, P. Collins, A. Johnson, G. H. Tomkin .....	151
	<b>Vibration Perception Threshold: Influence of Age, Height, Sex, and Smoking, and Calculation of Accurate Centile Values</b> P. G. Wiles, S. M. Pearce, P. J. S. Rice, J. M. O. Mitchell .....	157
	<b>Evidence for Diabetic Encephalopathy</b> A. Dejgaard, A. Gade, H. Larsson, V. Balle, A. Parving, H.-H. Parving .....	162
Technical Report	<b>Are Blood Glucose Reagent Strips Reliable in Renal Failure?</b> J. D. A. Clark, L. Goldberg, K. Jones, M. Hartog .....	168
	<b>The Effect of Haematocrit on Reagent Strip Tests for Glucose</b> K. Wiener ....	172
International Scene	<b>Childhood Diabetes in Saudi Arabia</b> H. Salman, A. Abanamy, B. Ghassan, M. Khalil .....	176
Media Review	.....	179

	April 1991	Number 3
DM Diary	.....	190
Forthcoming Papers	.....	192
Editorial	<b>Screening for Diabetic Retinopathy in Europe</b> M. Porta, E. Kohner .....	197
Review	<b>Protein Anabolic Actions of Insulin in the Human Body</b> W. M. Bennet, M. J. Rennie .....	199
Original Articles	<b>Diastolic Ventricular Function in Type 1 Diabetic Patients: a Study Using Doppler Echocardiography</b> G. Grossmann, A. Schmidt, H. Hauner, V. Göller, M. Stauch, E. F. Pfeiffer, V. Hombach .....	208
	<b>Alterations in Monocyte Receptor Function in Type 1 Diabetic Patients with Ketoacidosis</b> J. Stewart, A. Collier, A. W. Patrick, B. F. Clarke, D. M. Weir ...	213
	.....	993

	<b>Symptomatic Hypoglycaemia in 411 Type 1 Diabetic Patients</b> S. Pramming, B. Thorsteinsson, I. Bendtsen, C. Binder .....	217
	<b>Risk Factors for Non-ischaemic Foot Ulceration in Diabetic Nephropathy</b> D. J. S. Fernando, A. Hutchison, A. Veves, R. Gokal, A. J. M. Boulton .....	223
	<b>Increased Erythrocyte Aldose Reductase Activity in Type 1 Diabetic Patients</b> Y. Hamada, R. Kito, P. Raskin .....	226
	<b>Do Rheological Variables Play a Role in Diabetic Peripheral Neuropathy?</b> S. M. MacRury, J. C. Lockhart, M. Small, A. I. Weir, A. C. MacCuish, G. D. O. Lowe .....	232
	<b>Urinary Growth Hormone Excretion During Puberty in Type 1 (Insulin-dependent) Diabetes Mellitus</b> P. Hourd, J. A. Edge, D. B. Dunger, N. Dalton, R. Edwards .....	237
	<b>The Effect of Sulphonylurea Therapy on Skeletal Muscle Glycogen Synthase Activity and Insulin Secretion in Newly Presenting Type 2 (Non-insulin-dependent) Diabetic Patients</b> A. B. Johnson, M. Argyraki, J. C. Thow, I. R. Jones, D. Broughton, M. Miller, R. Taylor .....	243
	<b>No Deterioration of Oral Glucose Tolerance During Pregnancy in Rural Tanzania</b> A. B. M. Swai, H. M. Kitange, D. G. McLarty, P. M. Kilima, G. Masuki, B. L. Mtinangi, K. G. M. M. Alberti .....	254
<b>Clinical Audit</b>	<b>Birthweight of Babies Born to Mothers with Type 1 Diabetes: is it Related to Blood Glucose Control in the First Trimester?</b> R. W. Peck, D. E. Price, G. D. Lang, J. MacVicar, J. R. Hearnshaw .....	258
<b>Working Party Report</b>	<b>A Protocol for Screening for Diabetic Retinopathy in Europe</b> Retinopathy Working Party .....	263
<b>Case Report</b>	<b>Reactive Hypoglycaemia in Association with Disordered Islet Function and Abnormal Hepatic Glucose-6-Phosphatase Activity: Response to Diazoxide</b> J. Pears, R. T. Jung, M. C. K. Browning, R. Taylor, A. Burchell ....	268
<b>International Scene</b>	<b>Clinical Status of Ethiopian Diabetic Patients After 20 Years of Diabetes</b> F. T. Lester .....	272
<b>Innovative Care</b>	<b>Resource Management and Diabetes</b> .....	279
	<b>Role Definition and Accountability: the Case of the Diabetes Nurse Specialist</b> .....	282
	<b>Diabetes and the NHS Bill</b> .....	285
	<b>The NHS Bill, the GP Contract, and Diabetic Care</b> .....	286
	<b>Written Correspondence: an Adjunct to Clinics?</b> .....	287
<b>Letters</b>	<b>Footwear and Ulcer Healing</b> P. R. Cavanagh .....	289
	<b>Diabetes, Cyclosporin Nephrotoxicity, and Serum Creatinine Concentration</b> P. G. McNally, J. Feehally, J. Walls .....	289
	<b>Priorities of the European Union of Diabetics</b> E. Chantelau .....	289
	<b>Reply from Apfel</b> J. Apfel .....	290
	<b>Use of Fasting Blood Glucose to Estimate Diabetes Prevalence in Epidemiological Surveys</b> L. Papoz .....	290
<b>Media Review</b>	.....	292

## May 1991

## Number 4

<b>DM Diary</b>	.....	300
<b>Forthcoming Papers</b>	.....	305
<b>Editorial</b>	<b>Primary Care Teams and the Treatment of Diabetes</b> S. Walford .....	307
<b>Review</b>	<b>Fundamentals of Glucose Sensors</b> U. Fischer .....	309
<b>Original Articles</b>	<b>Activation of Coagulation in Diabetes Mellitus in Relation to the Presence of Vascular Complications</b> I. Ford, T. P. Singh, S. Kitchen, M. Makris, J. D. Ward, F. E. Preston .....	322
	<b>Regulation of Non-esterified Fatty Acid and Glycerol Concentration by Insulin in Normal Individuals and Patients with Type 2 Diabetes</b> R. Skowronski, C. B. Hollenbeck, B. B. Varasteh, Y.-D. I. Chen, G. M. Reaven .....	330

	<b>Is Hypertension a Major Independent Risk Factor for Retinopathy in Type 1 Diabetes?</b> K. Nørgaard, B. Feldt-Rasmussen, T. Deckert .....	334
	<b>Randomized Controlled Multicentre Evaluation of an Education Programme for Insulin-treated Diabetic Patients: Effects on Metabolic Control, Quality of Life, and Costs of Therapy</b> I. de Weerd, A. P. Visser, G. J. Kok, O. de Weerd, E. A. van der Veen .....	338
	<b>The Effects of Diet and Insulin Therapy on Coagulation Factor VII, Blood Viscosity, and Platelet Release Proteins in Diabetic Patients with Secondary Sulphonylurea Failure</b> A. M. Jennings, I. Ford, S. Murdoch, M. Greaves, F. E. Preston, J. D. Ward .....	346
	<b>DNA Restriction Polymorphisms of the Apolipoprotein AI-CIII-AIV Gene Cluster: a Genetic Determinant of Atherosclerosis in Type 2 (Non-insulin-dependent) Diabetes Mellitus</b> E. Renard, A. M. Dupuy, L. Monnier, A. C. de Paulet .....	354
	<b>Metformin Causes a Reduction in Basal and Post-venous Occlusion Plasminogen Activator Inhibitor-1 in Type 2 Diabetic Patients</b> P. J. Grant, M. H. Stickland, N. A. Booth, C. R. M. Prentice .....	361
	<b>Meal-time Intranasal Insulin Delivery in Type 2 Diabetes</b> D. G. Bruce, D. J. Chisholm, L. H. Storlien, M. Borkman, E. W. Kraegen .....	366
	<b>Screening for Treatable Diabetic Retinopathy: a Comparison of Different Methods</b> M. J. Buxton, M. J. Sculpher, B. A. Ferguson, J. E. Humphreys, J. F. B. Altman, D. J. Spiegelhalter, A. J. Kirby, J. S. Jacob, H. Bacon, S. B. Dudbridge, J. W. Stead, T. G. Feest, H. Cheng, S. L. Franklin, P. Courtney, J. F. Talbot, R. Ahmed, T. R. Dabbs .....	371
	<b>Importance of the Rate of Hydration of Pharmaceutical Preparations of Guar Gum; a New In Vitro Monitoring Method</b> P. R. Ellis, E. R. Morris .....	378
<b>Clinical Practice</b>	<b>A Survey of UK Diabetic Pregnancy Management</b> F. C. Bryce, H. J. Bodansky, S. Redmond, P. C. Buchan .....	382
<b>Case Report</b>	<b>The Use of Continuous Subcutaneous Octreotide Infusion in Brittle Type 1 Diabetic Patients</b> F. Bello, J. M. Falko, T. M. O'Dorisio, K. Osei .....	385
	<b>Normoglycaemic Ketoacidosis in a Woman with Gestational Diabetes</b> J. D. A. Clark, A. McConnell, M. Hartog .....	388
<b>Letters</b>	<b>Determining Diabetes Prevalence by Fasting Blood Glucose Concentrations</b> A. B. M. Swai, D. G. McLarty .....	390
	<b>Multiple Insulin Injection Regimens</b> Gy. Tamás, Zs. Kerényi, G. Iván .....	391
<b>Media Review</b>	.....	392

June 1991

Number 5

<b>Forthcoming Papers</b>	.....	398
<b>DM Diary</b>	.....	399
<b>Editorial</b>	<b>Diabetes and the Number Revolution</b> P. D. Home .....	400
<b>Review</b>	<b>Maturity Onset-type Diabetes of the Young (MODY): One Condition or many?</b> R. B. Tattersall, P. I. Mansell .....	402
	<b>Oxidized Low Density Lipoproteins: a Role in the Pathogenesis of Atherosclerosis in Diabetes?</b> T. J. Lyons .....	411
<b>Original Articles</b>	<b>Twenty-four Hour Blood Pressure and Heart Rate Profiles of Diabetic Patients with Abnormal Cardiovascular Reflexes</b> C. Liniger, L. Favre, J.-Ph. Assal ..	420
	<b>Prevalence and Incidence of Diabetes in a Swedish Community 1972-1987</b> D. K. G. Andersson, K. Svärdsudd, G. Tibblin .....	428
	<b>Impact of Late Complications in Type 2 Diabetes in a Dutch Population</b> S. Verhoeven, E. van Ballegooie, A. F. Casparie .....	435
	<b>Neutrophil Aldose Reductase Activity and its Association with Established Diabetic Microvascular Complications</b> M. T. Dent, S. E. Tebbs, A. M. Gonzalez, J. D. Ward, R. M. Wilson .....	439
	<b>Prevalence and Incidence of Insulin-treated Diabetes Mellitus in Adults in Canterbury, New Zealand</b> R. S. Scott, L. J. Brown .....	443
	.....	995

	<b>Prevalence of Diabetes and Obesity in the Adult Population of the Seychelles</b> L. Tappy, P. Bovet, C. Shamlaye .....	448
	<b>Absorption of NPH (Isophane) Insulin in Resting Diabetic Patients: Evidence for Subcutaneous Injection in the Thigh as the Preferred Site</b> J. E. Henriksen, A. Vaag, I. Ramsgaard Hansen, M. Lauritzen, M. S. Djurhuus, H. Beck-Nielsen .....	453
	<b>The Influence of Regional Adiposity on Atherogenic Risk Factors in Men and Women with Type 2 Diabetes</b> C. Baynes, A. D. Henderson, V. Anyaoku, W. Richmond, D. G. Johnston, R. S. Elkeles .....	458
	<b>Fetal Acidosis and Hyperlacticaemia Diagnosed by Cordocentesis in Pregnancies Complicated by Maternal Diabetes Mellitus</b> R. J. Bradley, J. M. Brudenell, K. H. Nicolaides .....	464
	<b>Human Insulin Use and Hypoglycaemia: Insights from the Pittsburgh Epidemiology of Diabetes Complications Study</b> T. J. Orchard, R. E. Maser, D. J. Becker, J. S. Dorman, A. L. Drash .....	469
	<b>Are Conventional Risk Factors for Mortality Relevant in Type 2 Diabetes?</b> A. P. Fitzgerald, R. J. Jarrett .....	475
	<b>Glucose Tolerance in Papua New Guinea: Comparison of Austronesian and Non-Austronesian Communities of Karkar Island</b> H. King, C. Finch, G. Koki, L. F. King, M. Alpers, P. Zimmet .....	481
<b>Case Report</b>	<b>Diabetes Mellitus Associated with Late Onset Congenital Adrenal Hyperplasia: Coincidence or Causality?</b> G. Jermendy, I. Szabolcs, G. Szilágyi, L. Dömötör, P. Kárpáti .....	489
<b>Meeting Report</b>	<b>The Changing Shape of Obesity, Japan 1990</b> R. G. Dyer .....	492
<b>Media Review</b>	.....	495

## July 1991

## Number 6

<b>DM Diary</b>	.....	501
<b>Forthcoming Papers</b>	.....	503
<b>Editorial</b>	<b>Language and Learning in Diabetes Care</b> P. D. Home .....	504
<b>Review</b>	<b>The Significance of the Products of the Maillard (Browning) Reaction in Diabetes</b> M. H. Dominiczak .....	505
<b>Original Articles</b>	<b>Carbohydrate Tolerance and Serum Lipids in Acromegaly Before and During Treatment with High Dose Octreotide</b> R. A. James, N. Møller, S. Chatterjee, M. White, P. Kendall-Taylor .....	517
	<b>Renal Responses to Angiotensin II Infusion in Early Type 1 (Insulin-dependent) Diabetes</b> D. W. Eadington, C. P. Swainson, B. M. Frier, P. F. Semple .....	524
	<b>Type 2 Diabetes and Depressive Symptoms in Older Adults: a Population-based Study</b> L. A. Palinkas, E. Barrett-Connor, D. L. Wingard .....	532
	<b>Metabolic Control May Influence the Increased Superoxide Generation in Diabetic Serum</b> A. Ceriello, D. Giugliano, A. Quatraro, P. Dello Russo, P. J. Lefèbvre .....	540
	<b>Can General Practitioners Assess Diabetic Control? Can Anybody do any Better?</b> C. Bradshaw, M. P. Eccles, H. Y. Choi .....	543
	<b>The Production of Immunoreactive <math>\alpha</math> and <math>\gamma</math>-Interferon by Circulating Mononuclear Cells in Type 1 Diabetes</b> G. C. Toms, P. Baker, B. J. Boucher .....	547
	<b>Detection of Diabetic Retinopathy in the Community Using a Non-mydiatic Camera</b> E. R. Higgs, B. A. Harney, A. Kelleher, J. P. D. Reckless .....	551
	<b>Perceived Needs of General Practitioners and Practice Nurses for the Care of Diabetic Patients</b> E. K. Carr, B. A. Kirk, W. J. Jeffcoate .....	556
	<b>The Role of Insulin Insensitivity and Hepatic Lipase in the Dyslipidaemia of Type 2 Diabetes</b> C. Baynes, A. D. Henderson, V. Anyaoku, W. Richmond, C. L. Hughes, D. G. Johnston, R. S. Elkeles .....	560
	<b>Ambulatory Blood Pressure Measurement in Type 2 Diabetic Patients: Methodological Aspects</b> K. W. Hansen, A. Schmitz, M. Mau Pedersen .....	567
	<b>Comparison of the Real-time Use of Glycosylated Haemoglobin and Plasma Fructosamine in the Diabetic Clinic</b> G. F. Watts, A. F. Macleod, J. J. Benn, B. M. Slavin, R. W. Morris, C. D. Williams, E. M. Kearney, C. Lowy, P. H. Sönksen .....	573



<b>Workshop Report</b>	<b>An Improved Fructosamine Assay for Monitoring Blood Glucose Control</b> <i>H. R. Henrichs, P. Lehmann, E. Vorberg</i> .....	580
<b>Innovative Care</b>	.....	585
<b>Technical Report</b>	<b>Experience of Long-term Intraperitoneal Insulin Treatment Using a New Percutaneous Access Device</b> <i>R. Wredling, U. Adamson, P. E. Lins, L. Backman, D. Lundgren</i> .....	597
<hr/>		
<b>August/September 1991</b>		<b>Number 7</b>
<hr/>		
<b>DM Diary</b>	.....	606
<b>Editorial</b>	<b>Screening for Diabetic Retinopathy Using Non-mydratric Fundus Photography</b> <i>N. J. Wareham, R. H. Greenwood</i> .....	607
<b>Review</b>	<b>Non-genetic Factors Causing Type 1 Diabetes</b> <i>S. S. S. Lo, R. Y. M. Tun, R. D. G. Leslie</i> .....	609
<b>Original Articles</b>	<b>Impaired Microvascular Hyperaemic Response in Children with Diabetes Mellitus</b> <i>A. C. Shore, K. J. Price, D. D. Sandeman, E. M. Green, J. H. Tripp, J. E. Tooke</i> .....	619
	<b>Platelet Behaviour and Haemostatic Variables in Type 1 (Insulin-dependent) Diabetic Patients With and Without Albuminuria</b> <i>M. J. O'Donnell, C. A. Le Guen, N. Lawson, O. H. B. Cyde, A. H. Barnett</i> .....	624
	<b>Comparison of Indices of Islet B-cell Function in Type 2 Diabetes in Relation to Insulin Effectiveness and Clinical Outcome</b> <i>S. W. Coppack, V. Thursfield, H. Dhar, T. D. R. Hockaday</i> .....	629
	<b>Glucose-induced Insulin Response is Reduced and Proinsulin Response Increased in Healthy Siblings of Type 1 Diabetic Patients</b> <i>F. A. Lindgren, S. G. Hartling, G. G. Dahlquist, C. Binder, S. Elendić, B. E. Persson</i> .....	638
	<b>A Relative Cost-effectiveness Analysis of Different Methods of Screening for Diabetic Retinopathy</b> <i>M. J. Sculpher, M. J. Buxton, B. A. Ferguson, J. E. Humphreys, J. F. B. Altman, D. J. Spiegelhalter, A. J. Kirby, J. S. Jacob, H. Bacon, S. B. Dudbridge, J. W. Stead, T. G. Feest, H. Cheng, S. L. Franklin, P. Courtney, J. F. Talbot, R. Ahmed, T. R. Dabbs</i> .....	644
	<b>Knowledge of Diabetes in Asians and Europeans With and Without Diabetes: The Coventry Diabetes Study</b> <i>D. Simmons, K. A. Meadows, D. R. R. Williams</i> .....	651
	<b>Urinary Transferrin Excretion in Type 1 (Insulin-dependent) Diabetes Mellitus</b> <i>M. J. O'Donnell, P. Martin, C. M. Florkowski, M. J. Toop, C. Chapman, R. Holder, A. H. Barnett</i> .....	657
	<b>Blood Rheology and Cardiovascular Risk Factors in Type 1 Diabetes: Relationship with Microalbuminuria</b> <i>R. H. Jay, S. L. Jones, C. E. Hill, W. Richmond, G. C. Viberti, M. W. Rampling, D. J. Betteridge</i> .....	662
	<b>Autoantibodies to Islet Amyloid Polypeptide in Diabetes</b> <i>A. Clark, S. M. Yon, E. J. P. de Koning, R. R. Holman</i> .....	668
	<b>Double-blind Crossover Study of Acarbose in Type 1 Diabetic Patients</b> <i>S. Marena, V. Tagliaferro, G. Cavallero, A. Pagani, G. Montegrosso, W. Bianchi, P. Zaccarini, G. Pagano</i> .....	674
<b>Clinical Practice</b>	<b>Do Different Frequencies of Self-monitoring of Blood Glucose Influence Control in Type 1 Diabetic Patients</b> <i>D. Gordon, C. G. Semple, K. R. Paterson</i> .....	679
	<b>The Prevalence of Diabetes Mellitus in Patients with Primary Hyperparathyroidism and Among Their Relatives</b> <i>W. H. Taylor</i> .....	683
<b>Technical Report</b>	<b>Bedside Blood Ketone Body Monitoring</b> <i>M. O. McBride, M. Smye, G. S. Nesbitt, D. R. Hadden</i> .....	688
<b>Meeting Report</b>	<b>Progress in Alternative Methods of Insulin Substitution? Tenth Workshop of the AIDSPIT Study Group</b> <i>J. C. Thow</i> .....	691
<b>Media Review</b>	.....	693
<b>Forthcoming Meetings</b>	.....	696
		997

## October 1991

## Number 8

DM Diary	700
Announcement	700
Forthcoming Papers	702
Editorial	704
Review	706
Original Articles	
Central Rather than Generalized Obesity is Related to Hyperglycaemia in Asian Indian Subjects	712
Impaired Glucose Tolerance in Obesity is Associated with Insensitivity to Insulin in Multiple Aspects of Metabolism as Assessed by a Low Dose Incremental Insulin Infusion Technique	718
Severe Hypoglycaemia During Treatment with Glipizide	726
Lipoprotein Lipids and Apolipoproteins (AI, AII, B, CII, CIII) in Type 1 and Type 2 Diabetes Mellitus in Young Kuwaiti Women	732
Impaired Glucose Tolerance and Diabetes Mellitus in Hindu Indian Immigrants in Dar es Salaam	738
Hypertriglyceridaemia and its Influence on Low Density Lipoprotein Regulation of Cellular Cholesterol Synthesis: a Comparison Between Hypertriglyceridaemic Diabetic and Non-diabetic Patients	745
Relation of Lipid Peroxides to Macrovascular Disease in Type 2 Diabetes	752
Quality of Life, Perceived Difficulties in Adherence to a Diabetes Regimen, and Blood Glucose Control	759
Basal and Stimulated Plasma Atrial Natriuretic Factor in Patients with Type 1 Diabetes With and Without Nephropathy	765
Clinical Practice	
Attitudes and Intentions of UK General Practitioners to Diabetes Care at the Time of Implementation of their New Contract	770
Initiation of Insulin Treatment after 70 Years of Age: Patient Status 2 Years Later	773
A Community-based Study of Diabetes-related Skills and Knowledge in Elderly People with Insulin-requiring Diabetes	778
Working Party Report	
The European Patients' Charter	782
Technical Report	
Accuracy, Patient Acceptance and Clinical Application of Capillary HBA <sub>1c</sub> Monitoring	784
Living with Diabetes	
In the Shadow of Diabetes: 63 Years of Insulin Dependence	788
Media Review	792

## November 1991

## Number 9

DM Diary	798
Forthcoming Papers	798
Editorial	799
Human Insulin Gone Wrong?	799



<b>Comment</b>	<b>The Appropriate Use of B-cell Function Testing in the Preclinical Period of Type 1 Diabetes</b> D. K. McCulloch, J. P. Palmer .....	800
<b>Original Articles</b>	<b>Changes in Brainstem Auditory Evoked Potentials During Insulin-induced Hypoglycaemia in Type 1 Diabetic Patients</b> D. Ziegler, A. Hübinger, F. A. Gries .....	805
	<b>Islet Cell Cytoplasmic Antibodies (ICA) in Diabetes and Disorders of Glucose Tolerance</b> B. Marner, G. Bille, M. Christy, E. M. Damsgaard, S. Garne, E. Heinze, S. Larsen, Å. Lernmark, T. Mandrup-Poulsen, J. Nerup, M. Schroll ..	812
	<b>A Six-year Follow-up of the Relationship Between N-Acetyl-<math>\beta</math>-Glucosaminidase and Albuminuria in Relation to Retinopathy</b> J. Škrha, T. Haas, M. Šperl, V. Stibor, P. Štolba .....	817
	<b>Minimal Models of Glucose Disappearance: Lessons from the Labelled IVGTT</b> A. Caumo, A. Giacca, M. Morgese, G. Pozza, P. Micossi, C. Cobelli ..	822
	<b>Does Flexibility at Mealtimes Disturb Blood Glucose Control on a Multiple Insulin Injection Regimen?</b> F. K. E. Tunbridge, P. D. Home, M. Murphy, K. G. M. M. Alberti .....	833
	<b>In Vitro and In Vivo Potency of Insulin Analogues Designed for Clinical Use</b> Aa. Volund, J. Brange, K. Drejer, I. Jensen, J. Markussen, U. Ribøl, A. R. Sørensen, J. Schlichtkrull .....	839
	<b>Impaired Glucose Tolerance is Characterized by Multiple Abnormalities in the Regulation of Intermediary Metabolism</b> A. J. Krentz, B. M. Singh, M. Natrass .....	848
	<b>Siblings of Children with Diabetes: Involvement, Understanding and Adaptation</b> R. Adams, R. C. Peveler, A. Stein, D. B. Dunger .....	855
	<b>The Relationship of Oxidative Stress to Thrombotic Tendency in Type 1 Diabetic Patients with Retinopathy</b> P. E. Jennings, M. McLaren, N. A. Scott, A. R. Saniabadi, J. J. F. Belch .....	860
<b>Clinical Practice</b>	<b>The Exeter Diabetic Project: An Acceptable District-wide Education Programme for General Practitioners</b> J. W. Stead, S. B. Dudbridge, M. S. Hall, D. J. Pereira Gray .....	866
<b>Case Report</b>	<b>Disabling Postural Hypotension Complicating Diabetic Autonomic Neuropathy</b> M. J. Stevens, M. E. Edmonds, C. J. Mathias, P. J. Watkins .....	870
<b>Technical Report</b>	<b>Capillary and Venous Blood Glucose Measurements Using a Direct Glucose-sensing Meter</b> D. R. Matthews, S. F. Burton, E. Bown, G. Chusney, T. Dornan, E. A. M. Gale, G. McKinnon, J. Steemson .....	875
<b>International Scene</b>	<b>Outcome of Pregnancy in Diabetic Patients in Dar es Salaam, Tanzania</b> J. K. Lutale, A. Justesen, R. S. M. Lema, A. B. M. Swai, D. G. McLarty .....	881
<b>Letters</b>	<b>Diazoxide Treatment of Reactive Hypoglycaemia</b> J. K. Wales .....	885
	<b>Human Insulin and Hypoglycaemia Unawareness: Insights from Pittsburgh?</b> M. Egger, G. Davey Smith, A. Teuscher .....	885
	<b>Reply from Orchard</b> T. J. Orchard .....	886
<b>Media Review</b>	.....	887

December 1991

Number 10

<b>DM Diary</b>	.....	892
<b>Editorial</b>	<b>Target: Diabetes</b> P. D. Home .....	896
<b>Review</b>	<b>The Fibrinolytic System in Diabetes Mellitus</b> S. C. L. Gough, P. J. Grant .....	898
<b>Comment</b>	<b>A Protective Role of the Environment in the Development of Type 1 Diabetes?</b> J. A. Todd .....	906
<b>Original Articles</b>	<b>Neutrophil Aldose Reductase Activity as a Potential Marker for Neuropathy and Cataract in Diabetes</b> M. T. Dent, A. Veves, S. E. Tebbs, A. M. Gonzalez, R. A. Malik, A. J. M. Boulton, J. D. Ward, R. M. Wilson .....	911
	<b>The Relationship Between Sural Nerve Morphometric Findings and Measures of Peripheral Nerve Function in Mild Diabetic Neuropathy</b> A. Veves, R. A. Malik, R. H. Lye, E. A. Masson, A. K. Sharma, W. Schady, A. J. M. Boulton .....	917
	.....	999

	<b>Lipoprotein (a) and Microvascular Disease in Type 1 (Insulin-dependent) Diabetes</b> P. H. Winocour, D. Bhatnagar, M. Ishola, S. Arrol, P. N. Durrington .	922
	<b>A Population-based Study of the Incidence of Complications Associated with Type 2 Diabetes in the Elderly</b> D. L. Cohen, H. A. W. Neil, M. Thorogood, J. I. Mann .	928
	<b>Hypoglycaemia Unawareness in Type 1 Diabetes: A Lower Plasma Glucose is Required to Stimulate Sympatho-adrenal Activation</b> D. A. Hepburn, A. W. Patrick, H. M. Brash, I. Thomson, B. M. Frier .	934
	<b>The Effect of Ambient Temperature on Glucose Tolerance</b> A. O. Akanji, R. N. Oputa .	946
	<b>Predominantly Vegetarian Diet in Patients with Incipient and Early Clinical Diabetic Nephropathy: Effects on Albumin Excretion Rate and Nutritional Status</b> M. M. Jibani, L. L. Bloodworth, E. Foden, K. D. Griffiths, O. P. Galpin .	949
	<b>Contrasting Fibrinolytic Responses in Type 1 (Insulin-dependent) and Type 2 (Non-insulin-dependent) Diabetes</b> D. Walmsley, K. K. Hampton, P. J. Grant	954
	<b>Impaired Anal Sensation and Early Diabetic Faecal Incontinence</b> M. Aitchison, B. M. Fisher, K. Carter, R. McKee, A. C. MacCuish, I. G. Finlay .	960
<b>Clinical Practice</b>	<b>The Management of Impotence in Diabetic Men by Vacuum Tumescence Therapy</b> D. E. Price, G. Cooksey, D. Jehu, S. Bentley, J. R. Hearnshaw, D. E. Osborn .	964
<b>Case Report</b>	<b>Phenytoin-induced Insulin Insensitivity</b> K. Al-Rubeaan, E. A. Ryan .	968
<b>Living with Diabetes</b>	<b>Public Awareness of the Symptoms of Diabetes Mellitus</b> D. M. A. Jackson, R. Wills, J. Davies, K. Meadows, B. M. Singh, P. H. Wise .	971
<b>Innovative Care</b>	<b>Editorial: Diabetes with a European Perspective</b> .	973
	<b>1992: Implications for Diabetes Nursing</b> .	975
	<b>The Traditional Diabetes Clinic: Still a Valid Alternative to Diabetes Centres</b> .	977
	<b>Making Effective Use of the Practice Nurse: A Developmental Approach</b> .	979
	<b>Experiences with Hypoglycaemia</b> .	982
<b>Letters</b>	<b>Seasonal Occurrence of Lesions in a Diabetic Foot Clinic</b> D. A. Robertson, R. M. MacFarlane, E. Fletcher, W. F. Jeffcoate .	985
	<b>Audit Fever: A Gentle Warning</b> C. Bradley, K. A. Meadows .	985
<b>Media Review</b>		986
<b>Author Index</b>		987
<b>Keyword Index</b>		990
<b>Volume Contents</b>		992

